

A CONTROL SYSTEM FOR THE MOVEMENT OF A PISTON

ABSTRACT OF THE DISCLOSURE

A control system is provided for controlling the movement of the piston of the fluid-pumping device, the piston being displaceable in a block of the fluid-pumping device and being driven by a motor fed by a voltage, comprising a semiconductor electronic system cyclically applying the voltage to the motor to move the piston, a resistive element, a capacitive element, a piston-position sensor to indicate the passage of the piston by a point at the block, the capacitive element being charged by means of the resistive element, at each cycle of application of voltage to the motor, the capacitive element being discharged, at least partly, when the piston passes by the point .